# (11) EP 1 085 706 A3

(12)

### **EUROPEAN PATENT APPLICATION**

- (88) Date of publication A3: 30.10.2002 Bulletin 2002/44
- (51) int Cl.7: H04L 12/46, H04L 12/64
- (43) Date of publication A2: 21.03.2001 Bulletin 2001/12
- (21) Application number: 00111361.2
- (22) Date of filing: 26.05.2000
- (84) Designated Contracting States:

  AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU

  MC NL PT SE

  Designated Extension States:

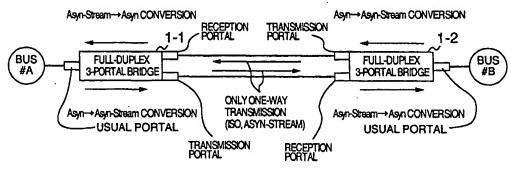
  AL LT LV MK RO SI
- (30) Priority: 10.09.1999 JP 25763699
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### (54) Bridge for IEEE 1394 bus network

(57) The two-way transmissions are performed between a first bus (#A) and a usual portal of a first full-duplex 3-portal bridge (1-1) and between a second bus (#B) and a usual portal of a second full-duplex 3-portal bridge (1-2), respectively. The one-way transmission of an isochronous packet and an asynchronous stream packet is performed between transmission and recep-

tion portals of the first full-duplex 3-portal bridge (1-1) and reception and transmission portals of the second full-duplex 3-portal bridge (1-2). The first full-duplex 3-portal bridge (1-1) and the second full-duplex 3-portal bridge (1-2) perform a conversion between the asynchronous stream packet and an asynchronous packet if necessary.

FIG. 4A



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# **EUROPEAN SEARCH REPORT**

Application Number

EP 00 11 1361

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	THE HAGUE		10 September 2002 Greg		
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EPO FORM 1505 03.82 (P04C01)

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#### ANNEX TO THE EUROPEAN SEARCH REPORT ON EUROPEAN PATENT APPLICATION NO.

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